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**METEOROLOGICAL JOURNAL,**

**KEPT BY THE ASSISTANT SECRETARY**

**AT THE APARTMENTS OF THE**

**R O Y A L S O C I E T Y,**

**BY ORDER OF**

**THE PRESIDENT AND COUNCIL.**

1828. July.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
♂ 1	29.951	76.4	29.933	74.2	61	72.7	70.8	63.3	74.8		SSW	Fine—partially lowering.
♀ 2	29.909	71.6	29.895	74.3	65	67.4	74.2	65.0	75.4		SSW	{ A.M. Light rain. P.M. Fine and clear —light clouds.
♂ 3	29.935	72.8	29.922	74.8	63	70.3	76.8	65.2	78.7		S	{ A.M. Lowering. P.M. Fine and clear, light breeze. Distant thunder at night.
♀ 4	29.865	73.4	29.899	76.7	70	72.7	74.3	67.6	77.5	0.750	SW	{ A.M. Fine.—3h to 5h frequent thun- der and lightning with heavy rain.
h 5	29.908	78.3	29.875	76.2	59	72.7	74.9	65.2	77.3		SW	{ P.M. Overcast. Fine and clear—light clouds.
⊙ 6	29.884	74.4	29.894	74.4	59	69.5	70.2	60.8	73.7		WSW	Fine and clear—cloudy.
♂ 7	29.900	69.3	29.859	73.3	60	64.7	70.8	58.3	74.7		SSE	Clear—cloudy.
♂ 8	29.705	72.0	29.641	75.0	71	71.4	77.7	61.8	79.6		ENE	Fine—cloudy.
♀ 9	29.545	67.8	29.583	69.8	66	66.0	66.4	63.6	67.8	0.086	NW	{ Dark and overcast. Heavy showers. Distant thunder.
♂ 10	29.688	63.1	29.817	69.3	56	60.0	70.9	56.7	72.7	0.833	NNE	A.M. Showery. P.M. Fine and clear.
♀ 11	29.984	68.3	29.923	70.6	61	66.7	69.8	60.8	73.1		SSW	Lowering.
h 12	29.532	65.5	29.499	66.2	62	62.2	61.4	60.8	64.5	0.055	NW	Overcast—light fog. Heavy showers.
⊙ 13	29.442	61.7	29.497	65.7	57	57.3	63.7	55.4	65.2	0.361	WSW	{ Brisk wind. A.M. Rain. P.M. Cloudy. Evening fine and clear.
♂ 14	29.563	70.6	29.521	66.8	51	64.0	65.6	52.9	68.5	0.017	WSW	Fine and clear. Heavy showers.
♂ 15	29.489	65.4	29.534	67.3	61	62.3	65.8	55.6	68.3	0.250	S	{ A.M. Lowering. P.M. Fine. Thun- der, with heavy showers, at 1 P.M.
♀ 16	29.768	61.3	29.806	68.8	59	59.0	73.7	53.7	74.8	0.175	NNW	Fine—cloudy.
♂ 17	29.702	66.2	29.691	70.3	63	65.6	72.6	59.5	74.2	0.036	SSW	{ A.M. Cloudy—brisk wind. P.M. Fine, and nearly cloudless.
♀ 18	29.598	67.7	29.571	70.0	65	65.7	68.6	62.3	72.2		ESE	Cloudy and showery. Evening fine.
h 19	29.565	69.0	29.601	70.3	57	67.7	69.6	59.3	71.6	0.039	WSW	Fine and very clear—light breeze.
⊙ 20	29.417	64.7	29.254	67.7	60	62.3	66.1	56.8	66.8		ESE	{ Cloudy—light wind. Heavy rain. Thunder & lightning at 4h 50m P.M.
♂ 21	29.535	70.7	29.541	69.3	57	66.4	68.3	54.8	71.2	1.167	WSW	{ Fine and clear—light diffused clouds —brisk wind. Heavy showers.
♂ 22	29.551	64.7	29.615	69.2	57	62.9	69.4	52.8	71.6	0.664	WSW	Fine and clear—cloudy.
♀ 23	29.732	70.7	29.706	70.2	61	67.7	70.8	56.7	72.7	0.067	WSW	Fine—cloudy. Heavy rain P.M.
♂ 24	29.652	65.9	29.615	68.8	62	62.3	66.0	59.8	70.7	0.300	SSW	Cloudy—light fog. Showers.
♀ 25	29.580	69.8	29.588	69.8	59	68.0	67.7	60.6	72.8	0.167	SW	Fine & clear.—Showers & brisk wind.
h 26	29.767	70.8	29.745	70.2	59	69.2	67.7	57.4	70.6	0.122	WNW	Fine—cloudy. Showers.
⊙ 27	29.797	70.7	29.832	68.8	57	64.8	66.4	54.8	68.3	0.058	S	Fine—cloudy.
♂ 28	30.013	62.2	30.016	66.9	52	58.7	65.0	54.5	67.3		N	Brisk wind. A.M. Cloudy. P.M. Fine.
♂ 29	29.921	67.3	29.868	66.7	50	62.5	64.0	54.2	67.6		NNW	Fine and clear—light wind.
♀ 30	29.923	63.6	29.952	64.8	49	59.8	61.9	46.8	63.8		NNW	A.M. Fine & cloudless. P.M. Overcast.
♂ 31	30.036	60.6	30.022	64.5	50	58.7	65.3	48.8	67.5		W	Fine—light clouds.
	Mean 29.737	Mean 68.3	Mean 29.733	Mean 70.0	Mean 59.3	Mean 65.2	Mean 68.9	Mean 58.3	Mean 71.5	Sum 4.147		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. .... { 9 A.M. 3 P.M. }  
 { 29.648 29.640 }

## OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge..... = 83 feet  $2\frac{1}{2}$  in.

..... above the mean level of the Sea (presumed about) ..... = 95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House ..... = 79 feet 0 in.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

1828. August.	9 o'clock, A.M.		3 o'clock P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
♀ 1	29.938	64.5	29.954	66.5	53	64.1	66.1	56.7	68.8	0.075	W	Fine—light clouds—brisk wind.
h 2	29.728	63.8	29.674	65.4	61	63.2	61.9	58.8	65.0		SSW	{ Dark & cloudy—strong wind. Heavy showers.
⊙ 3	29.673	67.2	29.573	68.5	58	62.9	67.1	56.3	70.4	0.125	SW	{ A.M. Fine—brisk wind. P.M. Heavy showers.
⋈ 4	29.588	66.0	29.582	67.6	58	63.4	68.4	55.7	69.7	0.496	W	Fine—light clouds.
♂ 5	29.628	67.2	29.633	69.1	54	64.1	69.3	54.5	72.9	0.100	WNW	Fine and clear—light wind.
♀ 6	29.489	63.7	29.386	66.2	57	61.8	63.1	56.9	66.5		SSE	{ Light rain continued. Thunder and lightning at 7h 10m P.M.
⋈ 7	29.459	67.5	29.468	69.4	59	66.1	69.2	57.7	71.7	0.291	SW	Fine—showery. Heavy rain at 8h P.M.
♀ 8	29.649	68.8	29.649	69.7	62	67.6	70.5	59.8	71.9	0.321	SW	Fine—light clouds—brisk wind.
h 9	29.470	68.2	29.426	68.7	64	65.9	64.4	59.3	67.8	0.094	SSW var.	{ Strong unsteady wind. A.M. Fine. P.M. Overcast.
● ⊙ 10	29.658	68.7	29.656	68.5	58	66.3	67.4	56.7	69.3		SSW	Fine & clear—showery. Strong wind.
⋈ 11	29.726	67.7	29.699	67.6	54	65.3	67.9	56.1	68.4	0.035	SW	{ Fine—light clouds. Evening, rain with strong wind.
♂ 12	29.822	65.8	29.843	68.4	61	63.4	68.7	56.3	69.3	0.258	W	Fine—light clouds. P.M. Showery.
♀ 13	29.834	63.2	29.754	65.7	60	59.4	61.8	54.5	66.8	0.025	NW	Cloudy—continued rain.
⋈ 14	29.535	59.9	29.557	60.2	56	56.4	55.8	55.2	56.9	0.938	NE	Strong fog—brisk wind.
♀ 15	29.858	57.9	29.910	63.0	50	56.4	61.7	50.1	63.9	0.063	NW	Cloudy. Evening fine and clear.
h 16	29.973	63.4	29.956	62.8	55	55.1	66.3	50.3	67.6		W	Fine—cloudy.
⊙ 17	29.909	63.6	29.874	66.3	61	64.2	67.1	55.1	69.5		SW	Cloudy—brisk wind. Light showers.
⋈ 18	29.942	64.7	29.965	67.5	58	62.9	67.3	54.4	68.9		WSW	Fine and clear—cloudy.
♂ 19	30.136	60.7	30.157	66.1	57	60.1	68.2	53.6	69.8		W	Fine and clear—light clouds.
♀ 20	30.109	63.2	30.024	66.5	59	62.7	69.2	54.9	70.3		S	Fine and clear—light clouds.
⋈ 21	29.876	64.9	29.808	66.7	57	63.3	63.5	58.0	65.9		SW	{ A.M. Fine. P.M. Lowering—light rain.
♀ 22	29.724	60.7	29.736	64.3	59	58.6	63.1	53.1	64.3	0.035	WSW	Fine—cloudy. Showers.
h 23	30.047	60.4	30.103	64.8	57	59.8	65.1	52.0	66.1	0.086	NW	A.M. Fine and clear. P.M. Overcast.
⊙ 24	30.211	59.3	30.196	65.5	53	60.4	70.2	49.8	71.8		W	Fine—nearly cloudless.
○ ⋈ 25	30.315	66.9	30.313	70.3	66	67.5	72.2	60.9	74.5		NW	Overcast.
♂ 26	30.355	64.8	30.328	68.7	63	62.9	69.5	58.8	70.9		SE	A.M. Overcast. P.M. Fine & cloudless.
♀ 27	30.315	63.1	30.280	67.1	62	63.5	69.2	54.0	70.7		E	Fine and cloudless.
⋈ 28	30.225	64.4	30.200	68.6	64	63.6	71.7	57.9	72.7		E	Cloudless and very clear.
♀ 29	30.202	64.5	30.184	69.1	63	63.2	69.8	57.6	71.4		NNE	A.M. Cloudy—brisk wind. P.M. Fine.
h 30	30.196	65.1	30.170	69.8	64	63.5	67.9	59.8	70.5		NNE	Fine—cloudy.
⊙ 31	30.113	62.8	30.041	64.7	58	60.1	61.8	56.9	62.2		NNE	Lowering—brisk wind.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	29.894	64.3	29.874	66.9	58.7	62.5	66.6	55.9	68.6	2.942		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. .... { 9 A.M. 29.815      3 P.M. 29.780 }

## OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge ..... = 83 feet 2½ in.  
 ..... above the mean level of the Sea (presumed about) ..... = 95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House ..... = 79 feet 0 in.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

1828. Septemb.	9 o'clock, A.M.		3 o'clock P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
☽ 1	30.011	61.9	29.982	65.5	59	60.0	65.2	57.0	68.1	0.005	NE	A.M. Lowering. P.M. Fine—cloudy.
♂ 2	30.049	62.8	30.047	66.0	56	61.3	66.1	54.9	67.6		NE	{ A.M. Fine and clear—light breeze. P.M. Overcast.
♀ 3	30.077	59.5	30.075	64.4	57	57.7	64.1	54.2	64.6		NE	Dark and cloudy.
♂ 4	30.065	62.1	30.012	65.2	55	61.5	64.4	55.9	68.1		NE	A.M. Fine and clear. P.M. Overcast.
♀ 5	30.023	60.7	30.010	64.0	58	58.5	64.3	54.4	65.4		NE	Fine—cloudy.
h 6	30.090	58.9	30.053	64.8	58	58.0	65.1	51.6	66.1		E	Fine and clear—light clouds.
☉ 7	30.049	64.6	30.039	67.2	61	64.4	70.1	58.1	73.0		SE	Fine and very clear—light wind.
☽ 8	29.976	67.2	29.872	69.4	61	67.7	72.1	60.5	73.9	0.141	E	Clear & cloudless. Heavy rain at night.
♂ 9	29.864	68.3	29.907	70.5	64	66.4	69.9	62.9	72.6		WSW	A.M. Cloudy. P.M. Fine and clear.
♀ 10	29.802	67.0	29.599	68.1	66	66.2	65.6	57.8	67.9	0.351	E	Lowering. Heavy rain P.M.
♂ 11	29.612	67.7	29.598	69.0	64	64.9	67.3	58.9	68.5		SW	{ A.M. Fine. P.M. Heavy showers & strong wind.
♀ 12	29.473	66.0	29.431	68.5	64	62.4	67.8	61.3	68.6	0.243	SW	{ A.M. Heavy rain. P.M. Fine and clear—brisk wind.
h 13	29.605	65.2	29.641	67.8	62	62.9	65.9	57.1	67.8	0.121	SW	{ Fine and clear. Heavy rain in the evening.
☉ 14	29.956	55.6	30.031	59.1	53	53.2	55.4	48.9	56.1	0.216	NE	Lowering. Light rain P.M.
☽ 15	30.304	55.4	29.400	61.2	49	55.0	60.1	48.5	62.7	0.018	N	Fine and clear—light clouds.
♂ 16	30.576	52.8	30.550	58.2	47	51.7	58.9	44.9	59.6		NNE	Fine and clear—light clouds.
♀ 17	30.382	53.9	30.261	59.4	52	54.2	60.2	45.7	61.9	E	Fine and clear—brisk wind.	
♂ 18	30.038	58.2	30.014	61.8	54	58.2	62.7	53.4	63.7	E	Fine and cloudless.	
♀ 19	30.081	56.1	30.103	61.9	55	55.5	65.8	49.4	66.0	ESE	Clear and cloudless.	
h 20	30.207	55.8	30.190	62.1	52	55.1	63.8	47.3	65.7	SE	Fine and clear. Strong fog A.M.	
☉ 21	30.133	57.1	30.067	62.2	55	56.2	63.1	48.7	64.1	E	Fine and clear.	
☽ 22	29.981	58.5	29.964	62.1	57	58.2	65.0	52.1	65.5	SW	Fine—cloudy.	
♂ 23	30.128	59.3	30.128	64.4	57	57.8	66.1	54.4	67.0	SW	A.M. Cloudy. P.M. Fine.	
♀ 24	30.178	62.2	30.087	65.1	61	62.8	64.9	55.0	67.9	SSW	A.M. Fine. P.M. Overcast.	
♂ 25	29.956	64.2	29.891	66.2	61	62.9	68.1	57.8	69.2	SSE	Fine & nearly cloudless—light breeze.	
♀ 26	29.810	64.9	29.796	68.1	63	63.8	71.1	58.9	72.8	S	Fine and clear—light clouds.	
h 27	29.883	60.7	29.829	61.5	57	57.3	59.0	56.2	60.4	0.250	NW	A.M. Heavy rain. P.M. Fine.
☉ 28	29.813	60.1	29.737	64.6	57	58.2	63.7	49.7	64.8	0.285	SSW	{ A.M. Fine and clear. P.M. Heavy showers.
☽ 29	29.578	63.8	29.537	66.1	62	62.7	65.0	57.6	66.8	0.203	WNW	{ Lowering—boisterous wind. Heavy rain P.M.
♂ 30	29.703	60.2	29.684	64.2	56	57.8	60.8	52.9	65.4	0.233	WSW	Fine and clear—light clouds.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	29.980	61.0	29.918	64.6	57.8	59.7	64.7	54.2	66.4	2.066		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. .... { 9 A.M. 3 P.M. }  
 ..... { 29.909 29.830 }

## OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge..... = 83 feet 2½ in.

..... above the mean level of the Sea (presumed about) ..... = 95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House ..... = 79 feet 0 in.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

1828. October.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de-grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
☿ 1	29.603	58.9	29.629	61.2	55	55.1	58.1	50.8	59.9	0.101	WSW	A.M. Lowering. P.M. Fine & clear.
♃ 2	29.831	53.9	29.879	59.6	51	51.8	59.1	47.1	60.9		WSW	Fine—cloudy.
♀ 3	29.946	50.4	29.861	58.2	47	47.1	58.1	44.2	60.2		SW	{ Fine and nearly cloudless. Dense fog A.M.
♂ 4	29.556	58.1	29.604	61.5	56	56.7	61.9	46.6	63.3	0.013	S	{ A.M. Dark and hazy. P.M. Fine— cloudy.
☉ 5	29.607	58.3	29.566	61.2	57	57.4	61.1	51.3	62.7		SSE	Fine—cloudy.
♄ 6	29.364	58.8	29.461	61.3	55	56.7	59.0	52.8	62.2	0.333	SW	Fine and clear—light wind.
♂ 7	29.646	56.6	29.569	60.8	53	54.7	59.8	48.7	60.7		W	Fine and clear—light clouds.
☿ 8	29.560	55.7	29.631	59.6	53	54.8	57.7	50.2	59.4	0.011	WSW	Fine—cloudy.
♃ 9	29.994	55.0	30.076	58.8	51	53.5	58.3	47.8	58.7		WNW	Fine—light clouds.
♀ 10	30.163	54.7	30.102	58.3	52	55.3	58.8	46.3	59.3		SW	Fine—cloudy.
♂ 11	30.325	55.4	30.381	59.6	52	53.7	60.3	49.3	61.1		W	A.M. Fine—light haze. P.M. Cloudy.
☉ 12	30.449	56.7	30.449	60.3	55	55.7	62.0	50.3	63.0		SW	Clear and cloudless.
♄ 13	30.415	53.0	30.347	59.4	50	50.7	63.1	47.2	63.4		SW	A.M. Fine—hazy. P.M. Cloudy.
♂ 14	30.381	57.2	30.374	59.6	54	54.7	58.2	50.5	58.5		N	Fine—cloudy.
☿ 15	30.378	52.7	30.329	56.9	50	50.0	54.7	46.0	55.6		NW	Cloudy and hazy.
♃ 16	30.336	54.3	30.297	56.8	50	52.8	55.0	49.7	54.8		N	Hazy.
♀ 17	30.170	54.3	30.118	57.7	52	54.3	57.4	50.4	57.4		WNW	Cloudy.
♂ 18	30.322	50.0	30.310	55.3	40	47.8	52.7	43.8	54.0		NNE	Fine and nearly cloudless—hazy.
☉ 19	30.234	50.0	30.156	53.7	43	49.0	51.7	43.8	51.7		SE	Fine and cloudless—light haze.
♄ 20	30.125	44.3	30.119	50.5	41	42.8	51.9	37.7	51.9		NNE	A.M. Strong haze. P.M. Fine—cloudy.
♂ 21	30.135	50.3	30.085	53.6	47	47.7	55.8	42.2	57.3		S	{ A.M. Dense fog. P.M. Fine—par- tially overcast.
☿ 22	29.908	54.7	29.852	58.4	55	57.2	61.0	47.2	62.2		S	A.M. Fine & cloudless. P.M. Cloudy.
☉ 23	29.734	58.4	29.822	56.3	55	55.3	52.7	55.0	55.3	0.014	NNW	A.M. Foggy—light wind. P.M. Rain.
♀ 24	30.152	47.8	30.152	54.2	43	44.8	52.2	40.3	52.2	0.222	WSW	Fine and cloudless—hazy.
♂ 25	30.223	52.4	30.260	55.6	48	50.3	55.0	44.2	55.4		SE	Fine and cloudless.
☉ 26	30.296	47.2	30.226	51.0	41	41.8	51.6	40.5	51.6		S	{ A.M. Cloudless—strong haze. P.M. Light rain.
♄ 27	30.198	51.6	30.233	54.0	49	50.2	52.6	41.2	53.3	0.028	N	Cloudy and foggy.
♂ 28	30.442	52.3	30.449	53.7	50	51.0	51.0	48.8	51.7	0.055	NNE	{ A.M. Foggy. P.M. Cloudless—light wind.
☿ 29	30.460	46.3	30.382	51.4	44	44.7	52.8	39.3	52.8		N	Fine and cloudless—hazy.
♃ 30	30.302	46.3	30.288	48.8	41	43.8	47.0	41.3	48.2		NNE	Fine—light clouds—hazy.
♀ 31	30.282	42.3	30.250	47.7	41	42.6	48.3	36.5	48.3		W	{ A.M. Strong haze. P.M. Fine—light clouds.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	30.082	52.8	30.073	56.6	49.4	51.1	56.1	46.2	57.0	0.777		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. .... { 9 A.M. 3 P.M. }  
 { 30.033 30.014 }

## OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge..... = 83 feet 2½ in.

.....above the mean level of the Sea (presumed about) ..... = 95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House..... = 79 feet 0 in.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

1828. Novemb.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
h 1	30.274	48.0	30.222	50.4	46	48.3	51.6	41.8	51.8		WSW	Cloudy and hazy.
⊙ 2	30.243	49.2	32.247	51.6	45	48.3	53.3	46.6	53.3		WSW	Cloudy.
⋈ 3	30.348	49.6	30.317	52.0	46	46.5	51.7	44.3	51.7		N	A.M. Strong haze. P.M. Fine—cloudy
♂ 4	30.247	46.7	30.196	51.5	44	44.4	50.2	40.7	51.4		NE	{ Fine.—A.M. Strong haze. P.M. Light clouds.
♀ 5	30.170	46.7	30.162	49.7	42	42.7	48.5	39.3	48.5		ESE	Fine—light clouds.
⊥ 6	30.121	47.3	30.082	48.7	45	45.4	48.4	39.6	48.4		ESE	A.M. Fine. P.M. Overcast.
♀ 7	30.029	48.7	29.937	49.7	45	45.2	46.4	43.7	47.2		E	{ Fine and cloudless. Haze and light wind P.M.
h 8	29.935	41.1	29.879	41.3	27	36.3	37.6	34.8	38.2		ESE	Overcast—light wind.
⊙ 9	29.699	39.6	29.648	43.7	37	37.5	44.4	33.7	44.4		N	Dull—haze and light wind.
⋈ 10	29.511	40.3	29.458	41.5	38	37.7	38.8	35.3	39.1		N	Strong fog.
♂ 11	29.550	36.4	29.560	38.3	30	31.6	34.2	29.7	34.2		NW	Strong haze.
♀ 12	29.597	30.8	29.589	35.6	26	27.4	36.7	25.7	40.6		N	Very dense fog.
⊥ 13	29.666	37.8	29.661	42.0	41	41.5	49.3	26.3	49.7		S	Fine and clear—light clouds.
♀ 14	29.510	43.8	29.364	45.3	43	44.1	46.2	40.8	48.7		E	Foggy—light rain.
h 15	29.351	47.3	29.361	48.8	47	49.4	50.8	43.7	51.5	0.142	E	A.M. Light rain. P.M. Fine & clear.
⊙ 16	29.284	50.4	29.237	52.3	51	51.8	52.3	48.9	53.3	0.236	SSE	Showers with boisterous wind.
⋈ 17	29.645	50.7	29.718	49.0	48	48.7	49.8	46.8	49.8	0.194	NW	Light clouds—hazy.
♂ 18	29.931	49.3	29.987	50.8	45	45.0	47.0	42.5	47.3		WSW	Fine—hazy.
♀ 19	29.983	48.8	30.144	50.4	45	47.4	48.6	40.8	49.2	0.112	NNW	A.M. Cloudy—light wind. P.M. Fine.
⊥ 20	30.143	48.2	30.084	51.7	48	48.6	51.8	43.4	52.3		WNW	Overcast.
⊙ 21	29.971	53.0	29.918	54.8	50	52.8	54.7	47.8	55.8		WSW	{ A.M. Cloudy—light wind. P.M. Fine and clear.
h 22	29.860	54.2	29.861	54.9	51	51.8	52.8	48.1	53.7		S	Cloudy. Light rain P.M.
⊙ 23	30.013	47.8	29.889	52.3	42	42.8	50.3	40.3	50.7		WSW	Fine and cloudless—light haze.
⋈ 24	29.715	51.7	29.729	53.6	49	49.3	51.3	41.9	51.9		SSE	A.M. Fine. P.M. Overcast.
♂ 25	29.929	51.7	29.940	53.9	49	49.2	53.0	45.9	53.3		S	Fine and cloudless—light haze.
♀ 26	29.890	53.8	29.878	55.6	53	53.4	54.8	48.2	55.8		SSW	Cloudy—light wind. Rain P.M.
⊥ 27	29.994	52.9	30.097	55.3	47	47.7	52.6	46.3	55.4	0.125	WSW	Fine—light clouds and haze.
♀ 28	30.095	56.4	30.106	58.6	55	55.7	57.5	47.0	58.4		SSW	A.M. Overcast. P.M. Fine.
h 29	30.129	56.7	30.102	58.7	54	55.7	56.3	50.7	57.8		SW	A.M. Cloudy. P.M. Fine.
⊙ 30	30.146	55.8	30.071	57.1	52	52.4	53.7	49.2	54.4		SW	Overcast.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	29.899	47.8	29.881	50.0	44.7	46.0	49.2	41.8	49.9	0.809		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. .... { 9 A.M. 3 P.M. }  
 { 29.863 29.839 }

## OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge ..... = 83 feet 2½ in.

..... above the mean level of the Sea (presumed about) = 95 feet.

The external Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House ..... = 79 feet 0 in.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

1828. Decemb.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
» 1	29.828	54.3	30.046	49.8	42	49.3	44.5	48.3	48.7		NW	Fine and clear—light wind.
♂ 2	30.455	44.7	30.367	45.4	25	37.4	39.7	33.8	41.7		ESE	Fine—light clouds.
♀ 3	30.170	44.8	30.108	47.3	41	43.0	49.0	36.3	50.0		SSW	{ A.M. Fine—brisk wind. P.M. Over- cast.
⌞ 4	30.199	48.8	30.217	50.7	50	50.4	53.1	42.3	53.2		WSW	Light clouds—foggy.
♀ 5	30.185	51.1	30.088	51.8	50	50.7	48.7	48.7	50.7		SSE	Overcast and foggy.
h 6	29.932	49.0	29.869	51.2	46	46.5	50.8	40.3	50.8		S	Fine—lightly overcast.
☉ 7	29.590	51.7	29.690	52.8	50	50.4	50.8	45.7	51.4	0.036	SSW	{ Fine and cloudless. Strong wind early A.M. Thunder with rain at night.
» 8	29.389	50.4	29.200	50.8	46	46.9	46.7	44.2	47.7	0.231	SW	{ Cloudy. Thunder and lightning with heavy rain and brisk wind at 1 P.M.
♂ 9	29.668	44.9	29.833	47.8	39	39.8	42.7	37.4	43.7	0.278	SW	Fine and cloudless.
♀ 10	30.160	45.7	30.149	48.0	43	44.3	46.7	37.8	50.0		WSW	Fine and clear—light clouds.
⌞ 11	29.953	49.8	30.141	51.8	49	50.7	50.8	43.8	52.3		SSW	A.M. Cloudy. P.M. Fine and clear.
♀ 12	30.388	48.6	30.349	51.7	46	46.4	51.7	41.6	51.7		SW	Overcast and foggy.
h 13	30.380	52.3	30.379	53.8	50	50.8	52.6	45.8	52.7		SSW	Overcast and foggy.
☉ 14	30.444	52.0	30.401	52.1	48	48.3	47.0	47.3	48.3		ESE	Fine and cloudless.
» 15	30.288	46.3	30.219	47.8	41	41.3	45.0	39.3	47.5		ESE	Overcast and foggy.
♂ 16	30.106	50.0	30.039	51.2	46	48.4	49.2	40.2	51.2		SSE	A.M. Fine—cloudy. P.M. Overcast.
♀ 17	29.856	51.8	29.836	53.2	50	50.2	52.3	47.0	55.0	0.083	SSW	Overcast and foggy. Rain early A.M.
⌞ 18	29.446	54.5	29.573	55.3	55	55.3	51.6	49.2	55.3		SSW	{ A.M. Violent wind early. Heavy rain. P.M. Fine and cloudless.
♀ 19	29.745	50.3	29.878	52.3	45	46.4	49.8	42.0	51.5	0.075	WSW	Fine—light clouds.
h 20	29.999	52.8	30.011	54.0	51	52.2	53.4	45.3	53.4		NNW	Overcast.
☉ 21	30.088	54.0	30.071	55.3	52	52.7	55.0	51.3	55.0		WSW	Overcast.
» 22	30.120	54.3	30.046	55.8	51	52.3	54.7	50.7	54.7		SW	Overcast.
♂ 23	29.970	53.8	29.884	55.0	51	50.9	51.4	48.8	46.5		SW	Overcast and foggy.
♀ 24	29.676	52.4	29.570	53.8	47	47.7	51.3	46.4	51.3		WSW	Overcast and foggy. Evening rainy.
⌞ 25	29.446	49.7	29.484	51.0	45	45.0	45.7	43.7	45.7	0.186	SW	{ A.M. Foggy. P.M. Fine—lightly over- cast.
♀ 26	29.590	45.0	29.561	47.8	38	38.6	43.0	35.8	44.3		S	Fine and cloudless—light haze.
h 27	29.682	44.3	29.744	45.8	39	39.0	42.3	36.8	42.3		ESE	Fine and cloudless.
☉ 28	29.887	44.6	29.967	46.3	39	39.8	44.6	38.0	44.6		ESE	A.M. Strong fog. P.M. Overcast—rain.
» 29	30.346	44.7	30.382	45.0	41	41.4	40.6	39.3	41.4		ESE	A.M. Strong white fog. P.M. Overcast.
♂ 30	30.377	42.3	30.312	45.9	40	40.7	44.7	34.5	44.7		ESE	Overcast—light fog.
♀ 31	30.064	45.7	29.959	47.0	43	44.4	47.4	39.8	47.7		SSW	Overcast. Light rain P.M.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	29.981	49.2	29.980	50.6	45.1	46.5	48.3	42.6	49.2	0.889		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. .... { 9 A.M. 3 P.M. }  
 { 29.942 29.936 }

## OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge ..... = 83 feet 2½ in.  
 ..... above the mean level of the Sea (presumed about) ..... = 95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House ..... = 79 feet 0 in.

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